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(71)Applicant : **KURARAY CO LTD**

(72)Inventor : **MARUYAMA HITOSHI
SHIRAGAMI SADAHIKO
ONO ISAO
YAMAUCHI JUNNOSUKE**

(54) SHEET FOR INK JET RECORDING

(57)Abstract:

PURPOSE: To provide an ink jet recording sheet having excellent ink absorbing performance and water-proof performance, by incorporating modified polyvinyl alcohol having acetoacetyl group and at least one kind of organic compound selected from aldehydes, amines, epoxies, etc., into basic supporting material.

CONSTITUTION: Modified PVA having acetoacetyl group can be obtained by additionally reacting normal completely saponified or partially saponified PVA with diketene or by ester exchange reaction with acetoacetyl ester. Content of acetoacetyl group is selected from 0.1W20mol %, preferably from 0.5W10mol %. Mixing ratio between modified PVA and at least one kind of organic compound selected from aldehydes, amines, epoxies, etc., is selected from 100/1W100/20, preferably from 100/2W100/10. Any transparent or opaque basic supporting material known in prior art can be employed.

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